

Hawaii Energy

We're Working with You to...

Save Energy
Strengthen the Economy
Protect our Environment

**How many
energy efficiency experts
does it take to change a
light bulb?**





**“Progress is not created
by contented people”**

— *Frank Tyger*

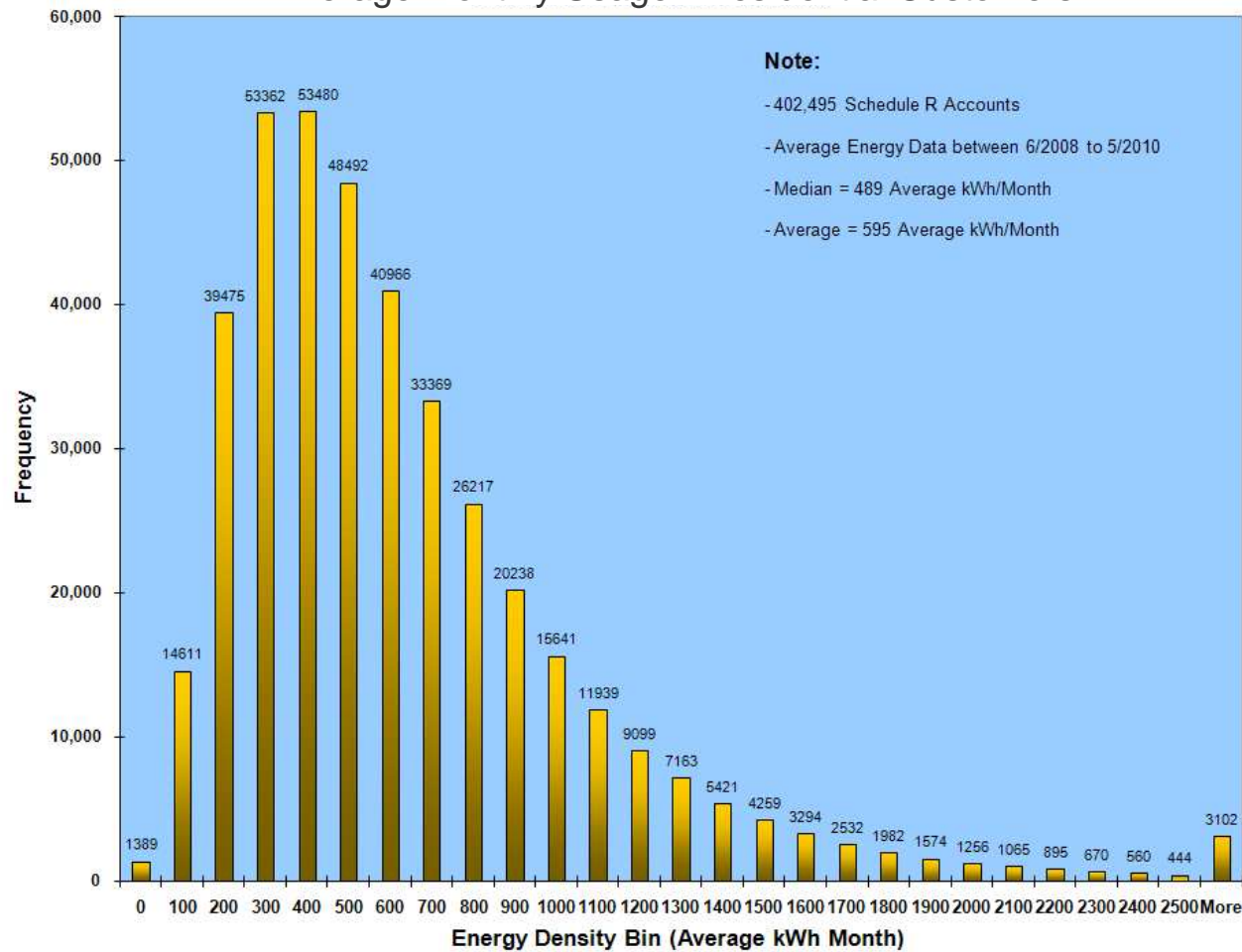




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At least 402,495

Average Monthly Usage - Residential Customers



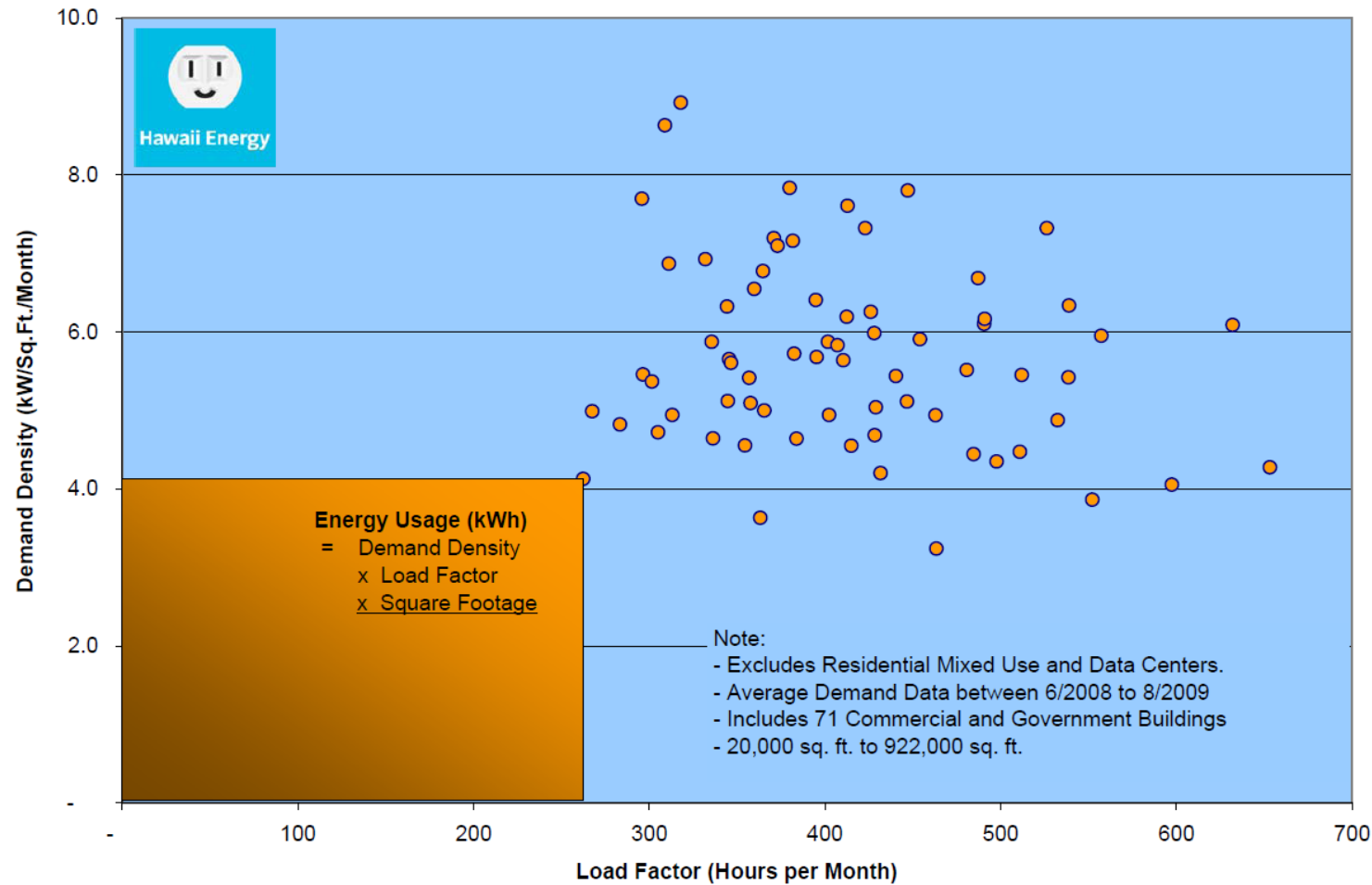
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Commercial Properties

Office Buildings - Energy Use Load Factor Review



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**“Your future depends on
many things, but mostly
you”**

— *Frank Tyger*



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Grass Roots and Sustainability Organizations

- Blue Planet
- Kohala Center
- Kanu Hawaii
- Kupu
- KYA Sustainability Studio
- Maui Economic Development Board
- More Coming Soon!



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**“Wisdom isn’t the acquisition
of knowledge.**

**It’s knowing which knowledge
is worth acquiring.”**

— *Frank Tyger*





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Education and Workforce Development Experts

- **K-12 Educational Programs**
- **College & Continuing Education Programs**
- **Business Employee Programs**
- **Department of Labor and Industrial Relations**



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Measure Impact

PY2010 Contribution by Category in Order of Lifetime Energy Impact

	Measure	Program Demand (kW)	%	Program Energy (kWh 1st yr.)	%	Program Energy (kWh Life)	%
1.	CFL - Residential	6,970	41.0%	45,779,857	39.8%	228,899,287	20.0%
2.	T8	1,671	9.8%	14,445,561	12.6%	202,237,854	17.6%
3.	Building Envelope Improvements	568	3.3%	4,424,902	3.8%	86,971,989	7.6%
4.	T5 / T5HO	692	4.1%	6,212,285	5.4%	86,971,989	7.6%
5.	HVAC - Chiller	530	3.1%	3,442,410	3.0%	68,438,924	6.0%
6.	HVAC - Package & Split Units	791	4.6%	3,439,369	3.0%	51,590,534	4.5%
7.	High Efficiency Water Heating - Heat Pumps	232	1.4%	1,864,449	1.6%	37,288,981	3.3%
8.	Solar Water Heating - Contractor - PBFA \$750	533	3.1%	2,402,913	2.1%	36,043,698	3.1%
9.	ENERGY STAR - Refrigerator - ARRP/SEP	282	1.7%	2,141,950	1.9%	29,987,304	2.6%
10.	Delamping - T8/T12	272	1.6%	1,790,631	1.6%	25,068,834	2.2%
11.	Delamping with Reflectors - T8/T12	152	0.9%	1,701,894	1.5%	23,826,523	2.1%
12.	Building Controls	211	1.2%	1,664,489	1.4%	22,475,446	2.0%
13.	LED	641	3.8%	3,924,237	3.4%	20,381,786	1.8%
14.	ENERGY STAR - Clothes Washer	213	1.2%	1,618,697	1.4%	19,424,362	1.7%
15.	New Home - Energy Modeling	-	0.0%	950,106	0.8%	19,002,119	1.7%
16.	CFL - Business	621	3.7%	4,985,218	4.3%	16,982,427	1.5%
17.	HVAC - Cooling Tower VFD	78	0.5%	934,847	0.8%	14,022,709	1.2%
18.	ENERGY STAR - Refrigerator with Recycling	39	0.2%	965,743	0.8%	13,520,407	1.2%
19.	ENERGY STAR - Refrigerator	155	0.9%	958,035	0.8%	13,412,492	1.2%
20.	ENERGY STAR - Window AC	552	3.2%	1,092,618	1.0%	13,111,415	1.1%
21.	CO Demand Control Ventilation - Parking Garage	88	0.5%	767,847	0.7%	11,517,702	1.0%



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**“Professionalism is knowing
how to do it, when to do it,
and doing it.”**

- *Frank Tyger*





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Retailers

- City Mill
- Costco
- Hamai's Appliance
- Home Depot
- Longs Drugs
- Lowes
- Military Exchanges
- Sam's Club
- Sears
- More coming!

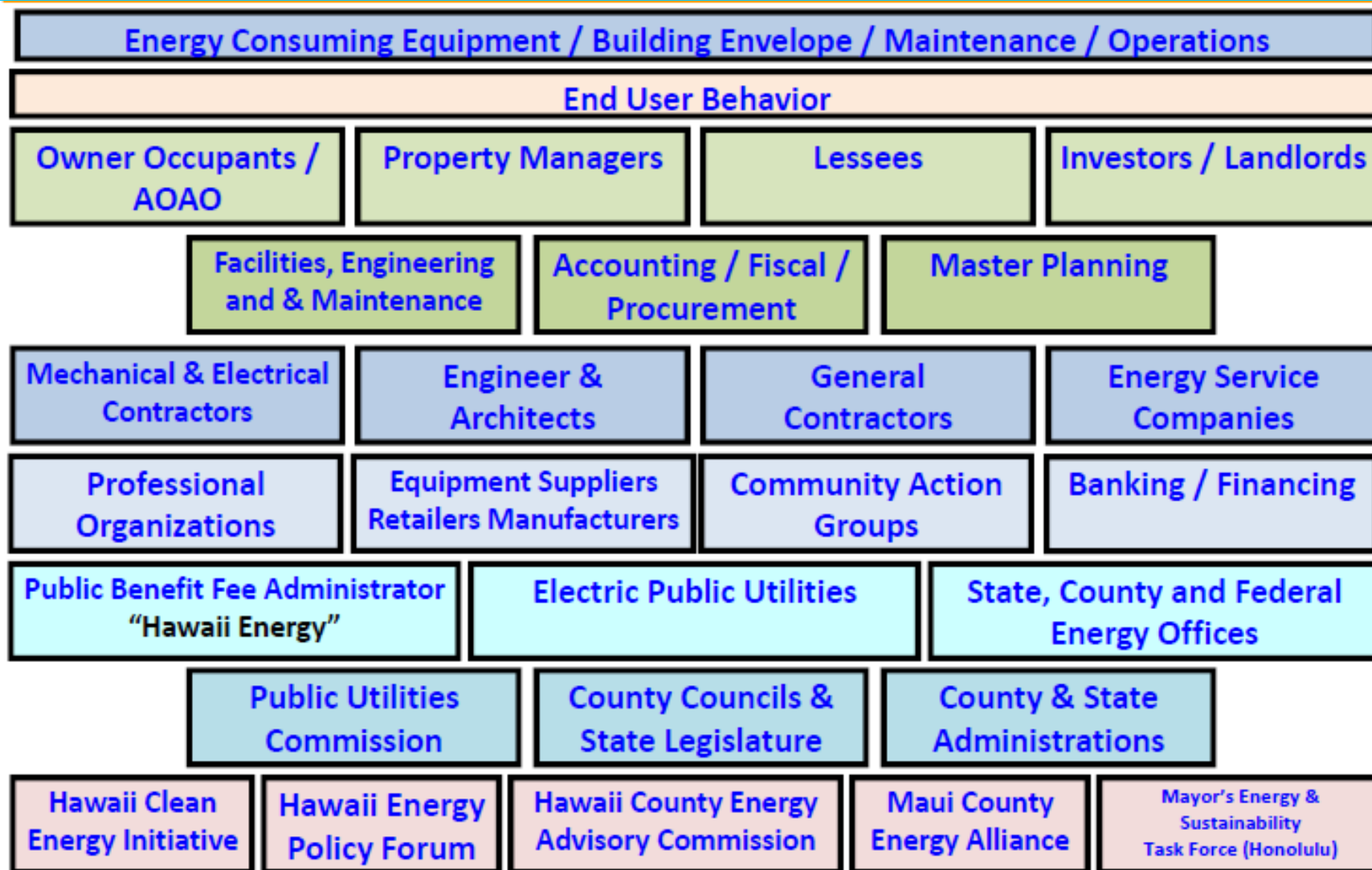


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With a Support Team



**“Wishes cost nothing unless
you want them to come
true.”**

— *Frank Tyger*



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Financial Community

Hot Water / Cool Rates

- Aloha Federal Credit Union (FCU)
- Aloha Pacific FCU
- CNHA
- First Hawaiian Bank
- Hawaii Central FCU
- Hawaii National Bank
- Hawaii State FCU
- HawaiiUSA FCU
- HMSA Employee's FCU
- Kahului FCU
- Maui County FCU
- Maui FCU
- Maui Teachers FCU
- Sheraton Hawaii FCU
- The Queens FCU
- University of Hawaii FCU
- Valley Isle Community FCU
- Wailuku FCU
- West Maui Community FCU



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Industry Trade Allies

PY2010 Trade Ally Referral Impacts

	Trade Allies	Applications	Customer Level Energy Savings (kWh)	Incentives	Cumulative Savings %
1	Customer Driven	586	29,969,823	\$ 2,641,586	42%
2	Actus Lend Lease	51	8,110,660	\$ 984,915	53%
3	Noresco	56	4,948,797	\$ 448,201	60%
4	Energy Industries	295	4,658,458	\$ 362,203	66%
5	Norman Wright	4	1,886,386	\$ 164,907	69%
6	Light Bulb Source	11	1,629,739	\$ 167,021	71%
7	Huskell	8	1,220,688	\$ 21,397	73%
8	Inncom	1	1,027,500	\$ 68,500	75%
9	Real Win Win	38	963,673	\$ 66,399	76%
10	Architects Hawaii LTD	1	946,159	\$ 60,808	77%
11	Forest City	2	925,472	\$ 70,386	78%
12	Johnson Controls	20	895,536	\$ 111,535	80%
13	Lighting Services Inc.	29	787,532	\$ 44,766	81%
14	Critchfield Pacific Inc.	16	747,657	\$ 86,883	82%
15	GonLED	3	728,182	\$ 75,936	83%
16	21st Century Lighting	15	610,346	\$ 45,169	84%
17	Trane	10	605,708	\$ 66,287	85%
18	Electricians Inc	8	491,402	\$ 42,005	85%
19	Maryl Pacific Construction	17	491,212	\$ 41,863	86%
20	Smart Watt Energy	9	430,051	\$ 33,081	87%

Over 500

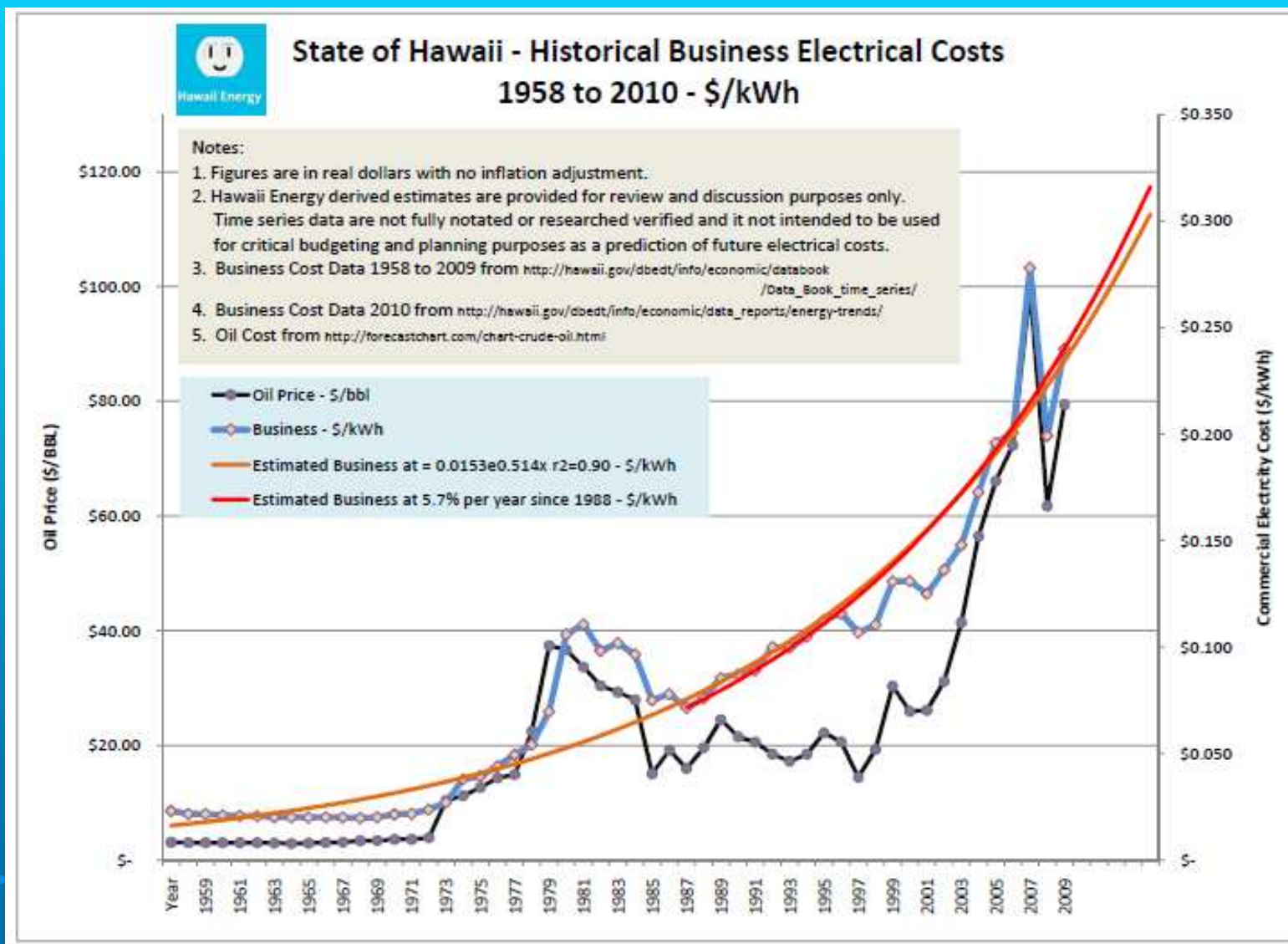


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Business Risk Factor



energy

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**“If a person gives you
his time, he can give you
no more precious gift”**

- Frank Tyger



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Mahalo.

Oahu 1-808-537-5577 Neighbor Island 1-877-999-7242

HELPING HAWAII CONSERVE TODAY, TO POWER A BETTER TOMORROW

www.hawaiienergy.com



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